

## CLAIMS

1. A composition comprising an enzyme encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

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2. A composition comprising a surfactant and at least one compound encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

10 3. The composition of claim 2, wherein the compound is an enzyme.

4. The composition of claim 2, wherein the composition is a detergent.

5. A method comprising the steps of:

15 (a) encapsulating at least one compound in a vesicle, and

(b) adding the vesicle to a surfactant containing composition,

wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

20 6. A method for preventing a compound from reacting with other compounds, comprising encapsulating the compound in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

7. The method of claims 5 or 6, wherein the compound is an enzyme

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8. A method for improving the stability of an enzyme, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

9. A method of preventing an enzyme from reacting with other compounds, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

FIG. 10